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(21)Application number : 60-071283 (71)Applicant : ASAHI CHEM IND CO LTD
(22)Date of filing : 05.04.1985 (72)Inventor : ROBAATO BURUUSU UOORESU
ITO HIRATAKA

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(54) NOVEL HUMAN PHYSIOLOGICALLY ACTIVE POLYPEPTIDE

(57)Abstract:

NEW MATERIAL: A polypeptide containing an amino acid sequence of the formula (Symbols are respectively residues as follows; Gln is glutamine; Asp is aspartic acid; Pro is proline; Tyr is tyrosine; Val is valine; Lys is lysine; Glu is glutamic acid; Ala is alanine; Asn is asparagine; Leu is leucine; Phe is phenylalanine; Gly is glycine; His is histidine; Ser is serine; Thr is threonine; Ile is isoleucine; Trp is tryptophan; Arg is arginine; Met is methionine; Cys is cysteine).

USE: An antitumor and antiviral agent.

PREPARATION: Deoxyribonucleic acid is linked to an expression vector to give a recombinant DNA, which is used to form a transformant. The resultant transformant is then separated and cultivated to express the deoxyribonucleic acid in the above-mentioned transformant and produce the aimed polypeptide expressed by the formula.

Ser Ser Ser Arg Thr Pro Ser Asp Lys Pro Val
Ala His Val Val Ala Asn Pro Gln Ala Glu Gly
Gln Leu Glu Trp Leu Asn Arg Arg Ala Asn Ala
Leu Leu Ala Asn-Gly Val Glu Leu Arg Asp Asn
Gln Leu Val Val Pro-Ser Gly Gly Leu Tyr Leu
Ile Tyr Ser Gln Val Leu Phe Lys Gly Gln Gly
Gly Pro Ser Thr His Val Leu Leu Thr His Thr
Ile Ser Arg Ile Ala Val Ser Tyr Gln Thr Lys
Val Asn Leu Leu Ser Ala Ile Lys-Ser Pro Cys
Gln Arg Glu Thr Pro-Gln Gly Ala Glu Ala Lys
Pro Trp Tyr Gln Pro-Ile Tyr Ala Gly Gly Val
Phe Gln Leu Glu Lys Gly Asp Arg Leu Ser Ala
Gln Ile Asn Arg Pro Asp Tyr Leu Asp Phe Ala
Gln Ser Gly Gln Val Tyr Phe Gly Ile Ile Ala
Leu

LEGAL STATUS

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